

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Toshiharu ENMEI
Serial no.	:	
Filed	:	
For	:	PORTABLE COMMUNICATOR
Group Art Unit	:	2673
Examiner	:	Vijay Shankar
Docket	:	ADACHI P192USD2

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**INFORMATION DISCLOSURE STATEMENT**

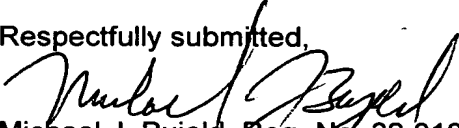
Dear Sir:

In connection with this matter, the Applicant hereby attaches one (1) United States Patent Office Form PTO-1449 and copies of the information listed in the enclosed PTO-1449 Form, unless otherwise indicated on such Form.

Copies of the information being made of record in this Information Disclosure Statement are not being submitted, as permitted by 37 CFR § 1.98(d), as this information was previously cited by or submitted to the United States Patent and Trademark Office in a prior application, namely United States Patent Application Serial No. 10/061,937 filed October 1, 1999, and that prior application is properly identified in this statement and relied upon for an earlier filing date under 35 U.S.C. § 120.

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

Respectfully submitted,



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(Rev.2-32)

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
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Serial No.: 10/061,937

Filing Date: October 1, 1999

Examiner: Vijay Shankar

Group: 2673

Applicant: Toshiharu ENMEI

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## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Sub-Class	Filing Date, if Appropriate
	5,646,649	07/1997	IWATA ET AL.		
	5,857,155	01/1999	HILL ET AL.		

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Country	Sub-Class	Class	Translation Yes	No
	04-078287	03/12/1992	JP	H04N	7/14	✓	
	04-018843	01/23/1992	JP	H04M	11/00	✓	
	02-311072	12/26/1990	JP	H04N	1/00	✓	
	04-056562	02/24/1992	JP	H04N	1/00	✓	
	61-009061	01/16/1986	JP	H04M	1/274	✓	
	61-066459	04/05/1986	JP	H04M	11/00	✓	
	58-068357	04/23/1983	JP	H04M	11/00	✓	
	01-173959	07/10/1989	JP	H04M	11/00	✓	
	02-092058	03/30/1990	JP	H04M	11/00	✓	
	58-197950	11/17/1983	JP	H04M	11/06	✓	
	61-295749	12/26/1986	JP	H04M	11/00	✓	
	63-056853	04/15/1988	JP	H04M	11/00		✓
	61-179652	08/12/1986	JP	H04M	11/06	✓	
	63-302656	12/09/1988	JP	H04M	11/00	✓	
	02-149059	06/07/1990	JP	H04M	11/00	✓	
	05-043637	06/11/1993	JP	H04B	7/26		✓
	05-056183	03/05/1993	JP	H04M	11/00	✓	
	05-094564	04/16/1993	JP	G06K	9/62	✓	
	02-065357	03/06/1990	JP	H04M	11/00	✓	
	04-182848	06/30/1992	JP	G06F	13/00	✓	
	04-107668	04/09/1992	JP	G06F	15/02	✓	
	60-176135	09/10/1985	JP	G06F	3/033	✓	
	04-257057	09/11/1992	JP	G06F	15/21	✓	
	03-283869	12/13/1991	JP	H04N	1/00	✓	
	62-150464	07/04/1987	JP	G06F	15/26	✓	
	62-026576	02/04/1987	JP	G06F	15/21	✓	
	04-104529	04/07/1992	JP	H04B	7/26	✓	
	04-233833	08/21/1992	JP	H04B	7/26	✓	

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STATEMENT BY APPLICANT  
(Use several sheets if necessary)

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Country	Sub- Class	Class	Translation	
						Yes	No
	04-234231	08/21/1992	JP	H04B	7/26	✓	
	03-026029	02/04/1991	JP	H04B	7/26	✓	
	62-222785	09/30/1987	JP	H04N	7/173	✓	
	63-177255	07/21/1988	JP	G06F	15/21	✓	
	63-183666	11/25/1988	JP	G06F	15/26		✓
	01-149565	06/12/1989	JP	H04M	11/00	✓	
	02-002496	01/08/1990	JP	G08G	1/123	✓	
	01-231200	09/14/1989	JP	G08G	1/00	✓	
	02-266500	10/31/1990	JP	G08G	1/123	✓	
	02-112100	04/24/1990	JP	G08G	1/123	✓	
	62-151884	07/06/1987	JP	G09B	29/00		✓
	04-142421	05/15/1992	JP	G01C	21/00	✓	
	04-188315	07/06/1992	JP	G06F	3/037	✓	
	04-184522	07/01/1992	JP	G06F	3/033	✓	
	01-263857	10/20/1989	JP	G06F	15/02	✓	
	03-105657	05/02/1991	JP	G06F	13/38	✓	
	04-085181	07/23/1992	JP	G01S	5/14		✓
	04-371052	12/24/1992	JP	H04M	3/00	✓	
	03-252775	11/12/1991	JP	G06F	15/62	✓	
	02-144675	06/04/1990	JP	G06F	15/62	✓	
	63-116543	05/20/1988	JP	H04M	11/00	✓	
	59-132079	07/30/1984	JP	G06K	11/06	✓	
	04-123534	04/23/1992	JP	H04B	7/26	✓	
	04-255122	09/10/1992	JP	H04B	7/26	✓	
	04-242353	08/31/1992	JP	H04M	1/00	✓	
	04-351127	12/04/1992	JP	H04B	7/26	✓	
	03-020566	02/28/1991	JP	H04M	1/56		✓
	04-056429	02/24/1992	JP	H04B	7/26	✓	
	02-305049	12/18/1990	JP	H04M	1/274	✓	
	02-034075	02/05/1990	JP	H04M	1/274	✓	
	63-061538	03/17/1988	JP	H04M	1/274	✓	
	05-030230	02/05/1993	JP	H04M	11/00	✓	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Country	Sub- Class	Class	Translation	
						Yes	No
	63-220640	09/13/1988	JP	H04M	1/274	✓	
	04-295995	10/20/1992	JP	G08B	23/00	✓	
	04-231238	08/20/1992	JP	B60R	25/10	✓	
	04-268860	09/24/1992	JP	H04M	11/00	✓	
	06-119578	04/28/1994	JP	G08B	25/08	✓	
	02-036653	02/06/1990	JP	H04M	1/27	✓	
	04-123087	04/23/1992	JP	G09B	29/10	✓	
	04-314084	11/05/1992	JP	G09B	29/10	✓	
	05-034431	02/09/1993	JP	G01S	5/14	✓	
	04-212553	08/04/1992	JP	H04M	1/274	✓	
	04-237314	08/25/1992	JP	G06F	1/16	✓	
	04-229729	08/19/1992	JP	H04B	7/24	✓	
	04-223214	08/13/1992	JP	G01C	21/00	✓	
	04-266228	09/22/1992	JP	H04B	7/26	✓	
	04-319990	11/10/1992	JP	G09B	29/10	✓	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

NIKKEI BYTE No. 103, dated 09/01/1992, pages 254-265.

ASCII vol. 15, No. 9/171, dated 09/01/1991, pages 297-299.

Examiner

Date Considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.